

Serge Egelman

Research Scientist

contact

1947 Center Street
Suite 600
Berkeley, CA 94704
USA

+1 (434) 227 1337

egelman@icsi.berkeley.edu

publications

refereed journal publications

“Won’t Somebody Think of the Children?” Examining COPPA Compliance at Scale

Reyes, I., Wijesekera, P., Reardon, J., On, A. E. B., Razaghpanah, A., Vallina-Rodriguez, N., and Egelman, S. Proceedings on Privacy Enhancing Technologies 2018.3 (2018) pp. 63–83.

A Usability Evaluation of Tor Launcher

Lee, L., Fifield, D., Malkin, N., Iyer, G., Egelman, S., and Wagner, D. Proceedings on Privacy Enhancing Technologies 2017.3 (2017) pp. 87–106.

The Effect of Online Privacy Information on Purchasing Behavior: An Experimental Study

*Tsai, J., Egelman, S., Cranor, L., and Acquisti, A. Information Systems Research 22.2 (2011) pp. 254–268. **AIS Best Publication of 2011 Award / INFORMS Best Published Paper Award (2012)***

P3P Deployment on Websites

Cranor, L. F., Egelman, S., Sheng, S., McDonald, A. M., and Chowdhury, A. Electronic Commerce Research and Applications 7.3 (2008) pp. 274–293.

The Real ID Act: Fixing Identity Documents with Duct Tape

Egelman, S., and Cranor, L. F. I/S: A Journal of Law and Policy for the Information Society 2.1 (2006) pp. 149–183.

refereed conference publications

An Experience Sampling Study of User Reactions to Browser Warnings in the Field

Reeder, R. W., Felt, A. P., Consolvo, S., Malkin, N., Thompson, C., and Egelman, S. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '18), 2018.

Contextualizing Privacy Decisions for Better Prediction (and Protection)

*Wijesekera, P., Reardon, J., Reyes, I., Tsai, L., Chen, J.-W., Good, N., Wagner, D., Beznosov, K., and Egelman, S. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '18), 2018. **SIGCHI Honorable Mention Award***

Let’s go in for a closer look: Observing passwords in their natural habitat

Pearman, S., Thomas, J., Naeini, P. E., Habib, H., Bauer, L., Christin, N., Cranor, L. F., Egelman, S., and Forget, A. Proc. of the ACM SIGSAC Conference on Computer & Communications Security (CCS '17), 2017, New York, NY, USA.

Turtle Guard: Helping Android Users Apply Contextual Privacy Preferences

Tsai, L., Wijesekera, P., Reardon, J., Reyes, I., Egelman, S., Wagner, D., Good, N., and Chen, J.-W. Proceedings of the 13th Symposium on Usable Privacy and Security (SOUPS '17), 2017.

The Feasibility of Dynamically Granted Permissions:

Aligning Mobile Privacy with User Preferences

Wijesekera, P., Baokar, A., Tsai, L., Reardon, J., Egelman, S., Wagner, D., and Beznosov, K. Proceedings of the 2017 IEEE Symposium on Security and Privacy (Oakland '17), 2017.

Do or Do Not, There Is No Try: User Engagement May Not Improve Security Outcomes

Forget, A., Pearman, S., Thomas, J., Acquisti, A., Christin, N., Cranor, L. F., Egelman, S., Harbach, M., and Telang, R. Proc. of the 12th Symposium on Usable Privacy and Security (SOUPS '16), 2016.

Behavior Ever Follows Intention? A Validation of the Security Behavior Intentions Scale (SeBIS)

*Egelman, S., Harbach, M., and Peer, E. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '16), 2016. **SIGCHI Honorable Mention Award***

- The Anatomy of Smartphone Unlocking: A Field Study of Android Lock Screens
*Harbach, M., Luca, A. D., and Egelman, S. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '16), 2016. **SIGCHI Honorable Mention Award***
- Keep on Lockin' in the Free World: A Transnational Comparison of Smartphone Locking
*Harbach, M., Luca, A. D., Malkin, N., and Egelman, S. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '16), 2016. **SIGCHI Honorable Mention Award***
- The Teaching Privacy Curriculum
Egelman, S., Bernd, J., Friedland, G., and Garcia, D. Proceedings of the 47th ACM technical symposium on Computer Science Education (SIGCSE '16), 2016.
- Android Permissions Remystified: A Field Study on Contextual Integrity
Wijesekera, P., Baokar, A., Hosseini, A., Egelman, S., Wagner, D., and Beznosov, K. 24th USENIX Security Symposium (USENIX Security 15), 2015, Washington, D.C.
- Is This Thing On? Communicating Privacy on Ubiquitous Sensing Platforms
Egelman, S., Kannavara, R., and Chow, R. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '15), 2015, New York, NY, USA.
- Scaling the Security Wall: Developing a Security Behavior Intentions Scale (SeBIS)
*Egelman, S., and Peer, E. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '15), 2015, New York, NY, USA. **SIGCHI Honorable Mention Award***
- Fingerprinting Web Users through Font Metrics
Fifield, D., and Egelman, S. Proceedings of the 19th international conference on Financial Cryptography and Data Security (FC'15), 2015.
- Somebody's Watching Me? Assessing the Effectiveness of Webcam Indicator Lights
Portnoff, R., Lee, L., Egelman, S., Mishra, P., Leung, D., and Wagner, D. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '15), 2015, New York, NY, USA.
- Are You Ready to Lock? Understanding User Motivations for Smartphone Locking Behaviors
Egelman, S., Jain, S., Portnoff, R. S., Liao, K., Consolvo, S., and Wagner, D. Proc. of the ACM SIGSAC Conference on Computer & Communications Security (CCS '14), 2014, New York, NY, USA.
- The Effect of Developer-Specified Explanations for Permission Requests on Smartphone User Behavior
Tan, J., Nguyen, K., Theodorides, M., Negron-Arroyo, H., Thompson, C., Egelman, S., and Wagner, D. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '14), 2014, Toronto, Canada.
- The Importance of Being Earnest [in Security Warnings]
Egelman, S., and Schechter, S. Proceedings of the 17th international conference on Financial Cryptography and Data Security (FC'13), 2013, Okinawa, Japan.
- My Profile Is My Password, Verify Me! The Privacy/Convenience Tradeoff of Facebook Connect
Egelman, S. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13), 2013, Paris, France.
- Does My Password Go up to Eleven? The Impact of Password Meters on Password Selection
Egelman, S., Sotirakopoulos, A., Muslukhov, I., Beznosov, K., and Herley, C. Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '13), 2013, Paris, France.
- When It's Better to Ask Forgiveness than Get Permission: Attribution Mechanisms for Smartphone Resources
Thompson, C., Johnson, M., Egelman, S., Wagner, D., and King, J. Proceedings of the Ninth Symposium on Usable Privacy and Security (SOUPS '13), 2013, Newcastle, United Kingdom.
- Android permissions: user attention, comprehension, and behavior
*Felt, A. P., Ha, E., Egelman, S., Haney, A., Chin, E., and Wagner, D. Proceedings of the Eighth Symposium on Usable Privacy and Security (SOUPS '12), 2012, Washington, D.C. **SOUPS Best Paper Award (2012) / SOUPS Impact Award (2017)***
- Facebook and privacy: it's complicated

Johnson, M., Egelman, S., and Bellovin, S. M. *Proceedings of the Eighth Symposium on Usable Privacy and Security (SOUPS '12)*, 2012, Washington, D.C.

It's all about the Benjamins: Incentivizing users to ignore security advice

Christin, N., Egelman, S., Vidas, T., and Grossklags, J. *Proceedings of the 15th international conference on Financial Cryptography and Data Security (FC'11)*, 2011, Gros Islet, St. Lucia.

Oops, I did it again: mitigating repeated access control errors on facebook

Egelman, S., Oates, A., and Krishnamurthi, S. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '11)*, 2011, Vancouver, BC, Canada.

Of passwords and people: measuring the effect of password-composition policies

Komanduri, S., Shay, R., Kelley, P. G., Mazurek, M. L., Bauer, L., Christin, N., Cranor, L. F., and Egelman, S. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '11)*, 2011, Vancouver, BC, Canada. **SIGCHI Honorable Mention Award**

Timing is everything?: the effects of timing and placement of online privacy indicators

Egelman, S., Tsai, J., Cranor, L. F., and Acquisti, A. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '09)*, 2009, Boston, MA, USA.

It's No Secret: Measuring the Security and Reliability of Authentication via 'Secret' Questions

Schechter, S., Brush, A. J. B., and Egelman, S. *Proceedings of the 2009 IEEE Symposium on Security and Privacy (Oakland '09)*, 2009, Los Alamitos, CA, USA.

It's not what you know, but who you know: a social approach to last-resort authentication

Schechter, S., Egelman, S., and Reeder, R. W. *Proceedings of the SIGCHI Conference on Human Factors in Computing Systems (CHI '09)*, 2009, Boston, MA, USA.

Crying wolf: an empirical study of SSL warning effectiveness

Sunshine, J., Egelman, S., Almuhammedi, H., Atri, N., and Cranor, L. F. *Proceedings of the 18th USENIX Security Symposium (SSYM'09)*, 2009, Montreal, Canada.

Family accounts: a new paradigm for user accounts within the home environment

Egelman, S., Brush, A. J. B., and Inkpen, K. M. *Proceedings of the 2008 ACM Conference on Computer Supported Cooperative Work (CSCW '08)*, 2008, San Diego, CA, USA.

You've Been Warned: An empirical study of the effectiveness of browser phishing warnings

Egelman, S., Cranor, L. F., and Hong, J. *CHI '08: Proceeding of The 26th SIGCHI Conference on Human Factors in Computing Systems (CHI '08)*, 2008, Florence, Italy. **SIGCHI Honorable Mention Award**

Phinding Phish: Evaluating Anti-Phishing Tools

Zhang, Y., Egelman, S., Cranor, L. F., and Hong, J. *Proceedings of the 14th Annual Network & Distributed System Security Symposium (NDSS '07)*, 2007, San Diego, CA.

Power Strips, Prophylactics, and Privacy, Oh My!

Gideon, J., Egelman, S., Cranor, L., and Acquisti, A. *Proceedings of the Second Symposium on Usable Privacy and Security (SOUPS '06)*, 2006, Pittsburgh, PA.

An analysis of P3P-enabled web sites among top-20 search results

Egelman, S., Cranor, L. F., and Chowdhury, A. *Proceedings of the 8th international conference on Electronic commerce: The new e-commerce: innovations for conquering current barriers, obstacles and limitations to conducting successful business on the internet (ICEC '06)*, 2006, Fredericton, New Brunswick, Canada.

refereed workshop publications

Better Late(r) than Never: Increasing Cyber-Security Compliance by Reducing Present Bias

Frik, A., Egelman, S., Harbach, M., Malkin, N., and Peer, E. *Workshop on the Economics of Information Security (WEIS '18)*, 2018.

"What Can't Data Be Used For?" Privacy Expectations about Smart TVs in the U.S.

Malkin, N., Bernd, J., Johnson, M., and Egelman, S. *Proceedings of the European Workshop on Usable Security (EuroUSEC '18)*, 2018.

Personalized Security Messaging: Nudges for Compliance with Browser Warnings

Malkin, N., Mathur, A., Harbach, M., and Egelman, S. Proceedings of the European Workshop on Usable Security (EuroUSEC '17), 2017.

“Is Our Children’s Apps Learning?” Automatically Detecting COPPA Violations

Reyes, I., Wijesekera, P., Razaghpanah, A., Reardon, J., Vallina-Rodriguez, N., Egelman, S., and Kreibich, C. The Workshop on Technology and Consumer Protection (ConPro '17), 2017.

Information Disclosure Concerns in The Age of Wearable Computing

Lee, L. N., Lee, J. H., Egelman, S., and Wagner, D. Proceedings of the NDSS Workshop on Usable Security (USEC '16), 2016.

The Myth of the Average User:

Improving Privacy and Security Systems through Individualization

Egelman, S., and Peer, E. Proceedings of the 2015 Workshop on New Security Paradigms (NSPW '15), 2015, Twente, The Netherlands.

Teaching Privacy: What Every Student Needs to Know

Friedland, G., Egelman, S., and Garcia, D. Proceedings of the 46th SIGCSE technical symposium on computer science education (Workshop), 2015.

U-PriSM 2: The Second Usable Privacy and Security for Mobile Devices Workshop

Chiasson, S., Crawford, H., Egelman, S., and Irani, P. Proc. of the 15th International Conference on Human-computer Interaction with Mobile Devices and Services (MobileHCI '13), 2013, Munich, Germany.

Markets for Zero-day Exploits: Ethics and Implications

Egelman, S., Herley, C., and Oorschot, P. C. van Proceedings of the 2013 Workshop on New Security Paradigms Workshop (NSPW '13), 2013, Banff, Alberta, Canada.

Choice Architecture and Smartphone Privacy: There’s A Price for That

Egelman, S., Felt, A. P., and Wagner, D. The 2012 Workshop on the Economics of Information Security (WEIS '12), 2012, Berlin, Germany.

How Good Is Good Enough? The sisyphian struggle for optimal privacy settings

Egelman, S., and Johnson, M. Proceedings of the Reconciling Privacy with Social Media Workshop (CSCW '12 Workshop), 2012, Seattle, WA.

It’s Not Stealing if You Need It: A Panel on the Ethics of Performing Research Using Public Data of Illicit Origin

Egelman, S., Bonneau, J., Chiasson, S., Dittrich, D., and Schechter, S. Proceedings of the 16th International Conference on Financial Cryptography and Data Security (FC'12), 2012.

How to ask for permission

Felt, A. P., Egelman, S., Finifter, M., Akhawe, D., and Wagner, D. Proceedings of the 7th USENIX conference on Hot Topics in Security (HotSec'12), 2012, Bellevue, WA.

I’ve got 99 problems, but vibration ain’t one: a survey of smartphone users’ concerns

Felt, A. P., Egelman, S., and Wagner, D. Proceedings of the second ACM workshop on Security and privacy in smartphones and mobile devices (SPSM '12), 2012, Raleigh, North Carolina, USA.

Toward Privacy Standards Based on Empirical Studies

Egelman, S., and McCallister, E. The Workshop on Web Tracking and User Privacy (W3C Workshop), 2011, Princeton, NJ.

Please Continue to Hold: An Empirical Study on User Tolerance of Security Delays

Egelman, S., Molnar, D., Christin, N., Acquisti, A., Herley, C., and Krishnamurthi, S. Workshop on the Economics of Information Security (WEIS '10) (WEIS '10), 2010, Cambridge, MA.

Tell Me Lies: A Methodology for Scientifically Rigorous Security User Studies

Egelman, S., Tsai, J., and Cranor, L. F. Proceedings of the Workshop on Studying Online Behavior (CHI '10 Workshop), 2010, Atlanta, GA.

This is Your Data on Drugs: Lessons Computer Security Can Learn from the Drug War

Molnar, D., Egelman, S., and Christin, N. Proceedings of the 2010 Workshop on New Security Paradigms (NSPW '10), 2010, Concord, Massachusetts, USA.

Security user studies: methodologies and best practices

Egelman, S., King, J., Miller, R. C., Ragouzis, N., and Shehan, E. *CHI '07 Extended Abstracts on Human Factors in Computing Systems (CHI EA '07)*, 2007, San Jose, CA, USA.

The Effect of Online Privacy Information on Purchasing Behavior: An Experimental Study

Tsai, J., Egelman, S., Cranor, L., and Acquisti, A. *Proceedings of the 2007 Workshop on the Economics of Information Security (WEIS '07)*, 2007, Pittsburgh, PA, USA.

Studying the Impact of Privacy Information on Online Purchase Decisions

Egelman, S., Tsai, J., Cranor, L. F., and Acquisti, A. *Proceedings of the Workshop on Privacy and HCI: Methodologies for Studying Privacy Issues (CHI '06 Workshop)*, 2006, Montreal, Canada.

book chapters and magazine articles

Predicting Privacy and Security Attitudes

Egelman, S., and Peer, E. *Computers and Society*, 2015, ACM.

Crowdsourcing

Egelman, S., Chi, E., and Dow, S. *Ways of Knowing in HCI*, 2013, Springer.

Helping users create better passwords

Ur, B., Kelley, P. G., Komanduri, S., Lee, J., Maass, M., Mazurek, M., Passaro, T., Shay, R., Vidas, T., Bauer, L., Christin, N., Cranor, L. F., Egelman, S., and Lopez, J. *login: 2012*, USENIX Association.

Suing Spammers for Fun and Profit

Egelman, S. *login: 2004*, USENIX Association.

Installation

Egelman, S. *Peter Norton's Complete Guide to Linux*, 1999, Macmillan Computer Publishing.

User Administration

Egelman, S. *Peter Norton's Complete Guide to Linux*, 1999, Macmillan Computer Publishing.